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Non-Unique Results in Design Verification By Test Programs

**ABSTRACT OF THE DISCLOSURE**

- 5 A design verification system that verifies the operation of multi-processor architecture by generating test programs. in which the behavior of the processor, when executing the test program, is evaluated against the behavior required by the design specification. The test
- 10 program generator produces scenarios for a multi-processor design in which non-unique results may occur. The system is provided with facilities to report expected outcomes, and to evaluate the validity of non-unique results in multiple resources under conditions
- 15 of non-unique result propagation and dependencies among adjacent and non-adjacent resources.